

Abstract

A method for managing a memory of a computer system to store a data of a first size, comprising the steps of defining chunks of the memory, wherein each chunk is a continuous memory space of a predetermined size. Defining chunk pools for managing the chunks, wherein each chunk pool corresponds to chunks of a particular size and defining unit pools for managing units of the first size, wherein the chunk pool corresponding to the unit pool provides a chunk of the particular size to be separated into the units of the first size, and the data of the first size is stored in the units.